causing the continuous stack of metal foil layers to fold in alternating directions at said scores or creases; and

piling the alternately folding stack in a zigzag fashion to form a z-fold pack of the continuous stack of metal foil layers.

29. (Amended) A method of producing a multilayer metal foil product comprising:

combining a plurality of continuous flat metal foil layers to form a stack and imparting a pattern to all layers of the stack to form a stack of patterned and nested metal foil layers;

scoring or creasing the advancing stack of continuous metal foil layers across at least a portion of the width of the stack at predetermined intervals;

causing the continuous stack of metal foil layers to fold in alternating directions at said scores or creases; and

piling the alternately folding stack in a zigzag fashion to form a z-fold pack of the continuous stack of metal foil layers.

34. (Amended) A method according to claim 29 wherein the pattern imparted to the stack of metal foil layers is embossments or corrugations.

Please add New Claims 50-53 as follows:

50. (New) A method according to claim 28 wherein the scoring or creasing members are rotating members having a respective male and female positions.

51. (New) A method according to claim 50 wherein the rotating members are periodically activated and rotated one revolution at predetermined intervals to produce an alternating score or crease across the substantial width of the multilayer stack.

52. (New) A method according to claim 46 wherein a draw of the continuous multilayer metal foil from the z-fold stack is horizontal.

53. (New) A method according to claim 46 wherein a draw of the continuous multilayer metal foil from the z-fold stack is non-vertical.